

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. M105	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U. S. Department of Energy Office of Civilian Radioactive Waste Management 1551 Hillshire Drive Las Vegas, Nevada 89134-6321		7. ADMINISTERED BY (If other than Item 6) CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

**Bechtel SAIC Company, LLC
1180 Town Center Drive
Las Vegas, Nevada 89144**

**EXECUTED
COPY**

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

 10A. MODIFICATION OF CONTRACT/ORDER NO.
DE-AC28-01RW12101

 10B. DATED (SEE ITEM 13)
November 14, 2000

CODE FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) **N/A**

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT /ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and Bilateral Modification; Pursuant to Contract Clause H.18 " Work Authorization System" and by mutual agreement of the parties.

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return **3** copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

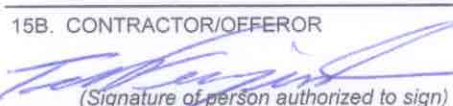

The purpose of this modification is to incorporate the revised Fiscal Year (FY) 2007 Work Authorization Directives (WADs), in accordance with the contract cited on Block 10A, above. The following WADs are incorporated into the contract for the period of October 1, 2006 through September 30, 2007, and are attached hereto:

Summary of Direct Costs

Attachment 1 – Yucca Mountain Project (YMP0007, Rev. 01)	\$208,898,000
Attachment 2 – National Transportation Project and Nevada Rail Project (NT00007, Rev. 01)	\$ 17,900,000
Attachment 3 – Program Management and Integration (PMI0007, Rev. 01)	\$ 9,644,000
Attachment 4 – Quality Assurance (QA00007, Rev. 01)	\$ 7,142,000
Total FY07 WADs	<u>\$243,584,000</u>

All other contract terms and conditions remain unchanged.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Ted C. Feigenbaum, President and General Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Spencer R. Peterson, Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 4/18/07	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED 4-18-07

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: YUCCA MOUNTAIN PROJECT
2. WAD NO: YMP0007
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2006 to September 30, 2007

ESTIMATED BASELINE COSTS (\$ in k)


	FY 2007 Workscope Rev 00	FY 2007 Workscope Rev 01	Total Cost
TOTAL COST	128,309 *	80,589	208,898

* Does not include fee

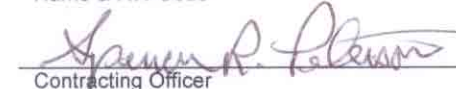
7. SUMMARY OF WORK AUTHORIZED:

The work scope includes design, procure and construct a monitored geologic repository to receive and emplace Spent Nuclear Fuel and High-Level Waste. Major activities are identified in the WBS: Project Support (1.5.01), preparation of License Application (1.5.02), Safety Analysis and Assessment (1.5.03), Initial Infrastructure Readiness (1.5.05), Balance of Plant Infrastructure (1.5.06), Subsurface Repository (1.5.12), Waste Package (1.5.13), Fuel Handling (1.5.14), Canister Handling (1.5.15). The work authorized in this revision reflects the total budget for FY07 which was identified in BCP YMP-2007-001 r2, *Fiscal Year 2007 YMP AWP Revision*.

8. RESPONSIBLE DOE OFFICIAL:


Contracting Officer's Representative
Date: 4/11/07
Mark H. Williams (RW-6)
Name & RW Code

9. DOE WORK AUTHORIZATION OFFICIAL:


Contracting Officer
Date: 4-17-07

10. M&O GENERAL MANAGER:


Ted C. Feigenbaum
Date: 4-17-07

WAD No: YMP0007

Revision: 01

Title: Yucca Mountain Project

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in the Multi-Year Planning System (MYPS).

Bechtel SAIC Company (BSC) shall perform all work in accordance with the QA program requirements.

Major areas under this WAD are:

<u>WBS Title</u>	<u>WBS Number</u>
Project Support	1.5.01
License	1.5.02
Safety Analysis And Assessment	1.5.03
Initial Infrastructure Readiness	1.5.05
Balance of Plant Infrastructure	1.5.06
Subsurface Repository	1.5.12
Waste Package	1.5.13
Fuel Handling	1.5.14
Canister Handling	1.5.15
Dry Transfer – 1	1.5.16
Dry Transfer – 2	1.5.17

B. DELIVERABLES

The deliverables, as identified in the Multi-Year Planning System (MYPS) will be provided by BSC.

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: TRANSPORTATION
2. WAD NO: NT00007
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2006 to September 30, 2007

ESTIMATED BASELINE COSTS (\$ in k)

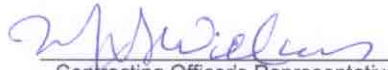
	FY 2007 Workscope Rev 00	FY 2007 Workscope Rev 01	Total Cost
TOTAL COST	12,500 *	5,400	17,900

* Does not include fee

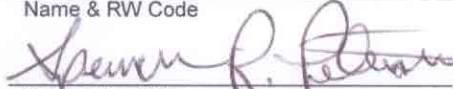
7. Summary of work authorized:

The WAD includes both the National Transportation Project and the Nevada Rail Project. The National Transportation Project includes the work scope identified by the Office of Logistics Management as necessary to accomplish the safe and efficient removal of Spent Nuclear Fuel and High Level Waste from their present storage locations to the Yucca Mountain repository. The Nevada Rail Project includes the development of a Nevada rail line from the National rail system to the Yucca Mountain Repository, the conceptual design, and support to the development of the Environmental Impact Statement. The work authorized in this revision reflects the total budget for FY07 which was identified in BCP OLM-2007-001 r2, *BSC Transportation Project FY2007 Annual Work Plan Revision 2*.

8. RESPONSIBLE DOE OFFICIAL:


Contracting Officer's Representative
Date 4-17-07
Mark H. Williams (RW-6)
Name & RW Code

9. DOE WORK AUTHORIZATION OFFICIAL:


Contracting Officer
Date 4-17-07

10. M&O GENERAL MANAGER:


Ted C. Feigenbaum
Date 4-17-07

WAD No: NT00007

Revision: 01

Title: Transportation

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in Multi-Year Planning System (MYPs).

Bechtel SAIC Company (BSC) shall perform all work in accordance with QA program requirements.

Major areas under this WAD are:

	<u>WBS Title</u>	<u>WBS Number</u>
	Transportation	4.0

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: PROGRAM MANAGEMENT AND INTEGRATION
2. WAD NO: PMI0007
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2006 to September 30, 2007

ESTIMATED BASELINE COSTS (\$ in k)

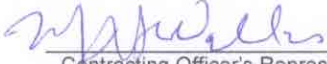
	FY 2007 Workscope Rev 00	FY 2007 Workscope Rev 01	Total Cost
TOTAL COST	6,250 *	3,394	9,644

* Does not include fee

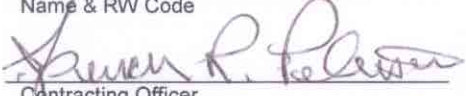
7. SUMMARY OF WORK AUTHORIZED:

The Program Management and Integration work scope includes: support in waste acceptance, system engineering and analysis, configuration management; time-sensitive technical products and analyses requested by the OCRWM Director; support for off-site planning workshops and strategic, multi-year, and contingency planning; technical support to program management including budget planning and annual work plan development, and performance reporting; support to records management and mail support. It also includes technical support and coordination for the Science & Technology and International activities. The work authorized in this revision reflects the total budget for FY07 which was identified in BCP PMA-2007-001 r1, *Program Management and Integration FY2007 AWP Revision 1*.


8. RESPONSIBLE DOE OFFICIAL:


Contracting Officer's Representative
Date: 4/12/07
Mark H. Williams (RW-6)
Name & RW Code

9. DOE WORK AUTHORIZATION OFFICIAL:


Contracting Officer
Date: 4-17-07

10. M&O GENERAL MANAGER:


Ted C. Feigenbaum
Date: 4-17-07

WAD No: PMI0007

Revision: 01

Title: Program Management and Integration

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in the Multi-Year Planning System (MYPs).

Bechtel SAIC Company (BSC) shall perform all work in accordance with QA program requirements.

Major areas under this WAD are:

<u>WBS Title</u>	<u>WBS Number</u>
Program Management and Integration	9.0

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: QUALITY ASSURANCE
2. WAD NO: QA00007
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2006 to September 30, 2007

ESTIMATED BASELINE COSTS (\$ in k)


	FY 2007 Workscope Rev 00	FY 2007 Workscope Rev 01	Total Cost
TOTAL COST	3,700 *	3,442	7,142

* Does not include fee

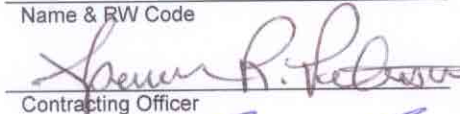
7. SUMMARY OF WORK AUTHORIZED:

Provide BSC Quality Engineering, Site Quality, Quality Programs and Quality Audits activities to support the implementation of the DOE/RW-0333P Quality Assurance Requirements and Description (QARD) and DOE/RW-0565 Augmented Quality Assurance Program (AQAP) requirements. The work authorized in this revision reflects the total budget for FY07 which was identified in BCP OQA-2007-001 r2, BSC *Quality Assurance Annual Work Plan, FY2007*.

8. RESPONSIBLE DOE OFFICIAL:


Contracting Officer's Representative
Date 4/12/07
Mark H. Williams (RW-6)
Name & RW Code

9. DOE WORK AUTHORIZATION OFFICIAL:


Contracting Officer
Date 4-17-07

10. M&O GENERAL MANAGER:


Ted C. Feigenbaum
Date 4-17-07

WAD No: QA00007 Revision: 01

Title: Quality Assurance

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in the Multi-Year Planning System (MYPS).

Bechtel SAIC Company (BSC) shall perform the work in accordance with QA program requirements.

Major areas under this WAD are:

	<u>WBS Title</u>	<u>WBS Number</u>	
Quality Assurance			8.0